**AP STAT: CHAPTER 4 QUANTITATIVE DATA**

**Quantitative Distributions:**

1. **Dotplots**

*Example 1:* # of siblings of classmates

*Example 2:*  create a dotplot of the number of colleges that your classmates are planning to apply to

1. **Stemplot (aka Stem and Leaf Plot)**

*Example 2:*  Heights of classmates

*Example 3:* Babe Ruth’s homerun totals each season for the Yankees:

54, 59, 35, 41, 46, 25, 47, 60, 54, 46, 49, 41, 34, 22

Create a stemplot

*Example 4:* Roger Maris’ homerun totals for the Yankees:

8, 13, 23, 33, 28, 16, 14, 39, 26, 61

Create a **Back-to-Back** stemplot with Babe Ruth’s

*Example 5:* Age guesses:

Splitting Stems:

Example: Age guesses

When?

In what ways can the stems be split?